

## ABSTRACT

A method for producing a fuel cell unit including a membrane electrode assembly formed by a solid polymer electrolyte membrane and a pair of electrodes located at both sides of the solid polymer electrolyte membrane, and a pair of separators which hold the membrane electrode assembly. The method includes the steps of applying liquid sealant to one of a marginal portion of the solid polymer electrolyte membrane, the marginal portion being not covered by the pair of electrodes when assembled, and a surface of each of the pair of separators, the surface corresponding to the marginal portion of the solid polymer electrolyte membrane; holding the solid polymer electrolyte membrane with the pair of separators to perform temporary assembling; and solidifying the liquid sealant while maintaining a temporary assembling state.

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